

Test Search & interference Search

application # 101814, 804

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	43	(US-20010042637-\$ or US-20020159242-\$ or US-20020162687-\$ or US-20030090883-\$ or US-20030098179-\$ or US-20030121699-\$ or US-20030180510-\$ or US-20040104042-\$ or US-20050150686-\$ or US-20050153059-\$).did. or (US-5103293-\$ or US-5136123-\$ or US-5191174-\$ or US-5199163-\$ or US-5200579-\$ or US-5311406-\$ or US-5403672-\$ or US-5430933-\$ or US-5447619-\$ or US-5478972-\$ or US-5800930-\$ or US-6010769-\$ or US-6197407-\$ or US-6392164-\$ or US-6444919-\$ or US-6447929-\$ or US-6475638-\$ or US-6489035-\$ or US-6518514-\$ or US-6523252-\$ or US-6534723-\$ or US-6734542-\$ or US-6768061-\$ or US-6797367-\$ or US-6798121-\$ or US-6818836-\$).did. or (US-6943303-\$).did. or (EP-614331-\$).did. or (JP-04246901-\$ or JP-05299878-\$ or JP-2000031643-\$ or JP-2001044638-\$ or JP-2002329959-\$).did.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2005/10/02 16:04
L2	24	1 and (rough\$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 17:08
L3	26	1 and (adhesion)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 16:17
L4	8	3 not 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/02 16:17

S1	16	((("4931354") or ("6228467") or ("6021050") or ("5172304") or ("6232042") or ("6150456") or ("6323096") or ("20020117743"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/10 15:09
S2	27	((("6667443") or ("6713687") or ("6641898") or ("6855625") or ("6043986") or ("6303878") or ("6238777") or ("6548765") or ("6784577") or ("6818836") or ("6680441") or ("6768061") or ("6848178") or ("6855625"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/10 15:15
S9	47322	(pwb or pcb or wiring adj board or circuit adj board) and (multi\$1layer or multi\$1layered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:51
S10	5833	(inner adj pattern\$1 or embedd\$4 near3 pattern\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:35
S11	96314	(surface near3 roughness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:35
S12	132507	((surface) near3 (roughness or roughened))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:37
S13	516003	(high adj frequency) or (micro\$1strip) or (strip adj line)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:37
S14	9	S9 and S10 and S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:51

S15	453	((pwb or pcb or wiring adj board or circuit adj board) and (multi\$1layer or multi\$1layered) and (roughness or roughened or rough) and (trace\$1 or pattern\$1 or conductor)).ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/10 15:57
S16	455	((pwb or pcb or wiring adj board or circuit adj board) and (multi\$1layer or multi\$1layered) and (roughness or roughened or rough) and (trace\$1 or pattern\$1 or conductor)).ab,clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:26
S17	100	("4577170" "4881116" "5227739" "5254201" "5864470" "5945193" "6201586" "4475141" "5528465" "4772862" "5185650" "5400039" "5412392" "5448445" "5628053" "5668699" "5701128" "5910755" "5959581" "6466176" "6469258" "6617527" "4877198" "5473190" "5576922" "5705027" "6150748" "6201185" "4155640" "4170475" "4407059" "4901203" "5195238" "5221895" "5233133" "5258047" "5283677" "5285570" "5291019" "5349317" "5352925" "5359218" "5372871" "5382829" "5448020" "5514607" "5518674" "5534727" "5640047" "5641715").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:28
S18	103	("5650665" "5675370" "5684397" "5742479" "5759649" "5768776" "5780909" "5784259" "5821143" "5837423" "5869886" "5914859" "5995372" "6025861" "6072714" "6072126" "6144269" "6152744" "6160310" "6175376" "6191494" "6203967" "6333468" "6353189" "6411353" "6441430" "6657249" "6661078" "5218168" "5702653" "6096158" "4247981" "4361820" "4419530" "4799381" "4859263" "4864316" "5358604" "5421082" "5561011" "5750956" "5859475" "5897334" "5956060" "5985695" "6124637" "3655496" "3785895" "4309088" "4326929").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:29

S19	97	("4396929" "4423299" "4476620" "4494299" "4501471" "4535316" "4549247" "4560445" "4561852" "4600298" "4786545" "4804953" "4809428" "4859496" "4873399" "4930215" "4942349" "4942301" "4945240" "4963424" "4969127" "4969828" "4992801" "4996428" "5175923" "5176405" "5183711" "5202657" "5223962" "5242562" H001267 "5304502" "5308311" "5312643" "5357138" "5358412" "5397864" "5399809" "5406100" "5414297" "5429738" "5487804" "5489881" RE35203 "5528061" "5736442" "5769985" "5781081" "5832578" "5894252").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:29
S20	99	("5902438" "5916735" "5953589" "5958269" "5985068" "6020218" "6024340" "6028629" "6043423" "6052172" "6057173" "6060959" "6091366" "6091907" "6097345" "6133581" "6148502" "6150615" "6184775" "6191840" "6249264" "6255772" "6325902" "6326990" "6335220" "6469266" "6515295" "6515356" "6555233" "6559475" "6590254" "6657514" "6700643" "6717248" "6730389" "6767834" "4335589" "4360748" "4519664" "5196789" "5441849" "5605474" "5608691" "5742901" "5760456" "5835332" "5843623" "6076003" "6175150" "6196391").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:32
S21	102	("3659936" "3818492" "4031269" "4268891" "4287667" "4346985" "4460894" "4481815" "4491894" "4493639" "4512653" "4583799" "4619513" "4779025" "4875132" "4952157" "4978639" "4979904" "5012391" "5039824" "5176343" "5177520" "5196725" "5238709" "5250915" "5270613" "5304964" "5307012" "5309021" "5311059" "5315472" "5323534" "5326937" "5327326" "5331505" "5381159" "5396390" "5404190" "5450045" "5459368" "5467526" "5488540" "5495261" "5497167" "5514889" "5573411" "5589002" "5597313" "5650756" "5656857").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:33

S22	100	("5668557" "5679008" "5691732" "5704794" "5712178" "5712645" "5722055" "5745018" "5751538" "5757252" "5765762" "5795191" "5798483" "5808841" "5810009" "5815120" "5844776" "5846331" "5854608" "5856656" "5877553" "5880553" "5882108" "5889305" "5930665" "5936584" "5977917" "5999397" "6002147" "6061028" "6106893" "6120319" "6141845" "6150606" "6155868" "6160462" "6174195" "6180291" "6181297" "6183281" "6183581" "6185108" "6203346" "6247599" "6247942" "6259869" "6268717" "6294783" "6297644" "6300579").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:34
S23	103092	"174"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:35
S24	139989	"361"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:36
S25	61895	"333"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:36
S26	286676	S23 or S24 or S25	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:36
S27	11502	S26 and (multi\$1layer\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:46
S28	32082	S26 and (pwb or pcb or circuit adj board or wiring adj board)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:37

S29	1057	S26 and (surface adj roughness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:46
S30	7362	S26 and (thermoplastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:45
S31	60	S27 and S28 and S29 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:46
S32	7762	S26 and (rough or roughened or roughening or roughness)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:46
S33	219	S27 and S28 and S32 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 14:47
S34	159	S33 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:27
S35	1711	(174/255).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 16:05
S36	10629	((174/255) or (174/262) or (174/260) or (174/258) or (174/256) or (174/261) or (361/792) or (361/793) or (361/794) or (361/795) or (333/185) or (333/204) or (428/609) or (428/612)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/18 15:38

S37	38	S36 and ((conductive adj pattern\$1 or circuit adj pattern or trace\$1 or pattern\$1) with (surface adj roughness))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:45
S38	945	S36 and ((rough or roughened or roughening or roughness))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:48
S39	916	S36 and (thermoplastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:45
S40	3338	S36 and (multi\$1layer\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:46
S41	141	S38 and S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:49
S42	972	S36 and ((rough or roughen\$2 or roughening or roughness))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:48
S43	147	S42 and S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/18 15:49
S44	11	("4897338" "5158801" "5200579" "5386339" "5478972" "5549778" "5621068" "5747164" "6441314" "6534723" "6555763");PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/09/18 15:59
S45	0	("6768061").URPN.	USPAT	OR	ON	2005/09/18 16:00

S46	1645	S35 not (S43 or S37 or S34 or S31 or S22 or S21 or S20 or S19 or S18 or S17)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:06
S47	1711	(174/255).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:07
S48	1573	((361/792) or (361/793) or (361/794) or (361/795)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:08
S49	1251	S48 not S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:37
S50	534	(428/609).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:37
S51	534	S50 not (S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:42
S52	403	(428/612).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:42
S53	377	S52 not (S50 or S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 09:53

S54	978	(333/185).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 09:52
S55	966	S54 not (S52 or S50 or S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:07
S56	1318	(333/204).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:07
S57	1258	S56 not (S54 or S52 or S50 or S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 10:54
S58	1578	(174/262).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 10:54
S59	1080	S58 not (S56 or S54 or S52 or S50 or S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 13:00
S60	4607	(polyimide) near3 (thermoplastic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 11:06
S61	489	((polyimide) near3 (thermoplastic)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 11:07

S62	9732	174/250-268.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 11:23
S63	2115	(174/261).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 13:00
S64	1456	S63 not (S58 or S56 or S54 or S52 or S50 or S48 or S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 16:51
S65	9718	((174/255) or (174/262) or (174/260) or (174/261) or (361/792) or (361/793) or (361/794) or (361/795) or (333/185) or (333/204) or (428/609) or (428/612)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 16:52
S66	1622	((174/258) or (174/256)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/09/19 16:53
S67	911	S66 not S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/09/19 16:53